

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014485.D
 Acq On : 28 Jun 2023 16:56
 Operator : KP/MD
 Sample : 03415-08RE
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1RE

Quant Time: Jun 29 02:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.782	168	163658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113962	56.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.160%
35) Dibromofluoromethane	7.709	113	85904	53.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.820%
50) Toluene-d8	10.178	98	311527	49.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.477	95	98541	43.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.160%

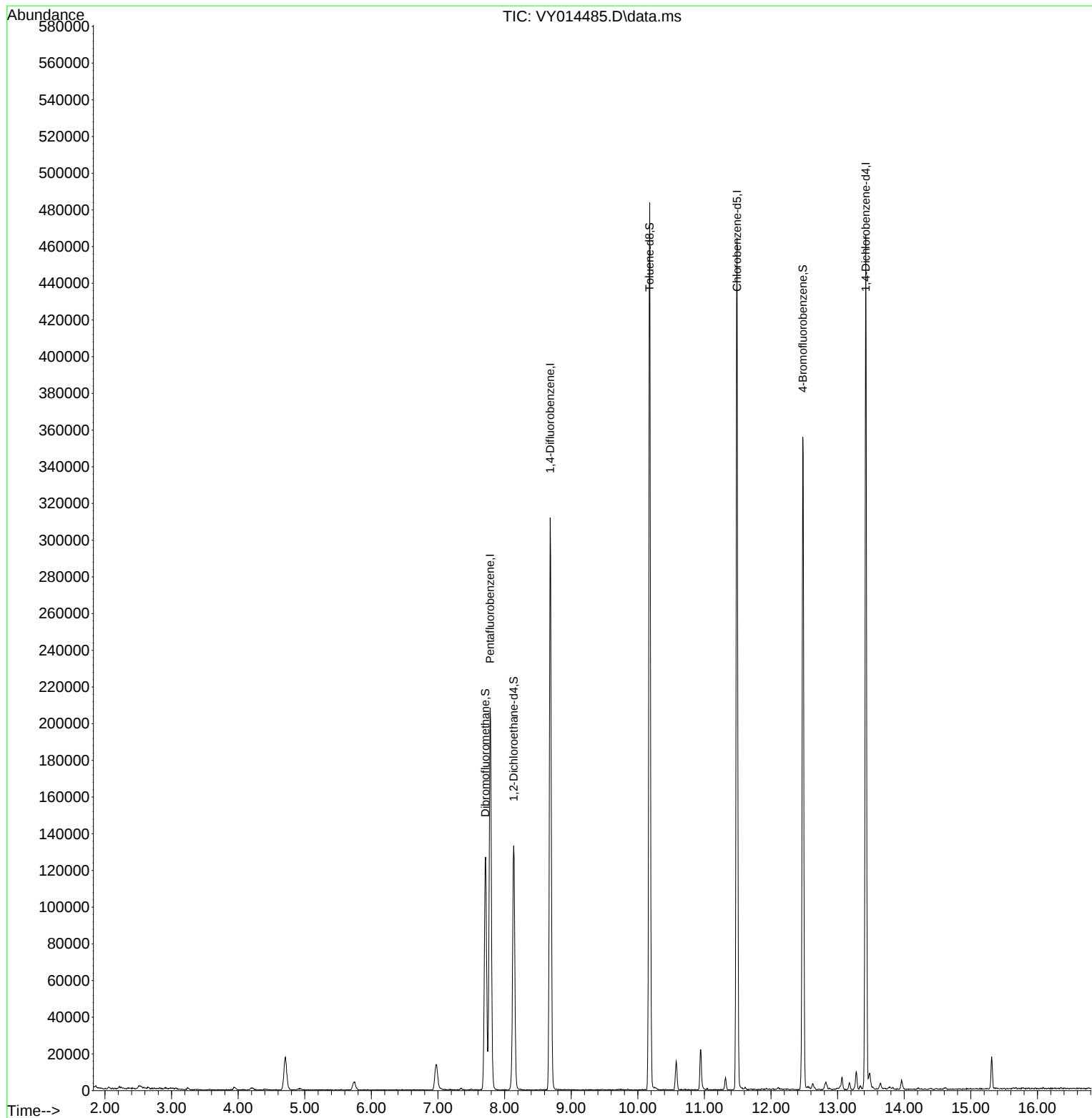
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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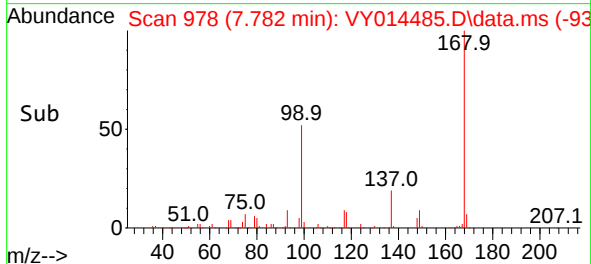
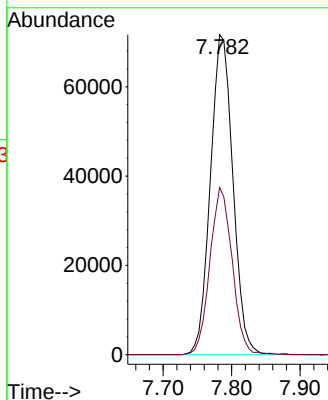
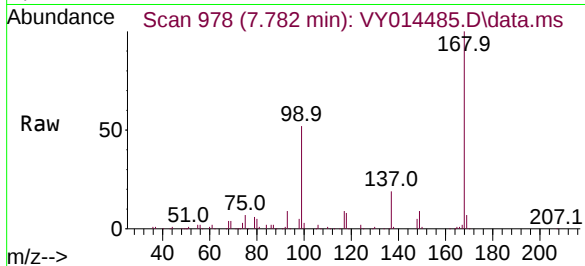




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

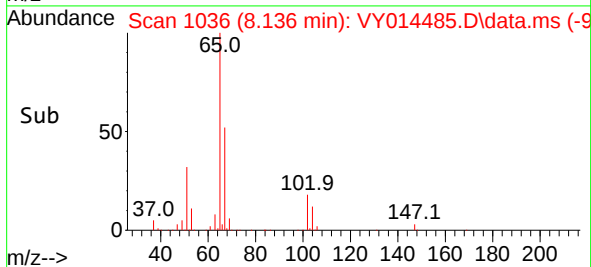
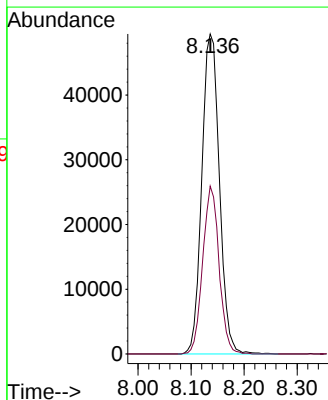
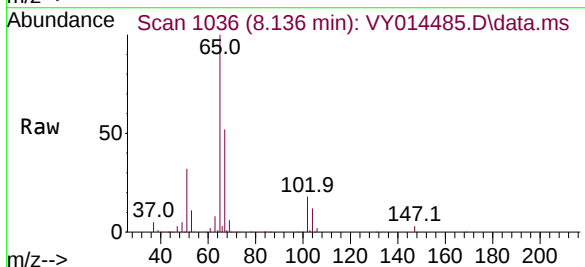
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1RE

Tgt Ion:168 Resp: 163658
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.085 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 65 Resp: 113962
Ion Ratio Lower Upper
65 100
67 48.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014485.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

ESI-TP1RE

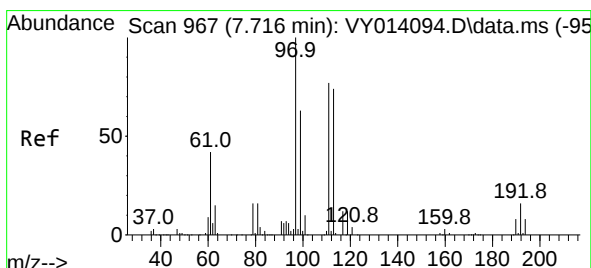
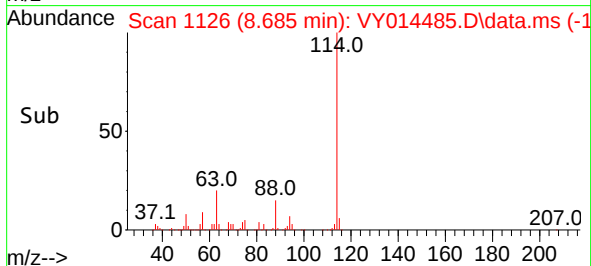
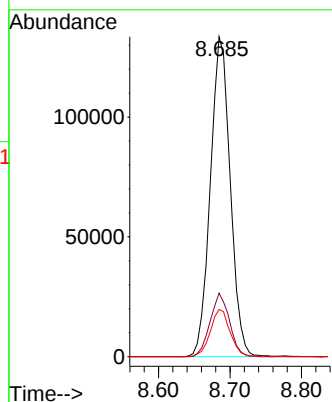
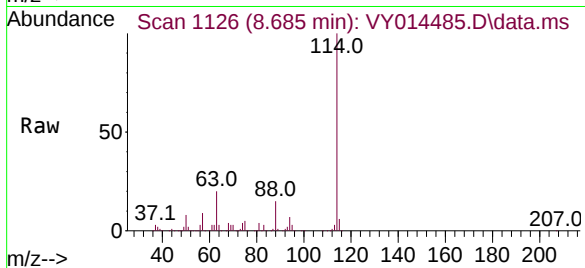
Tgt Ion:114 Resp: 257924

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.909 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014485.D

Acq: 28 Jun 2023 16:56

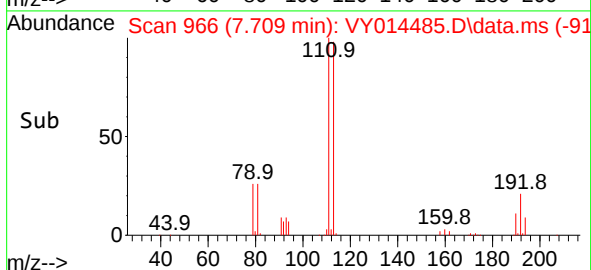
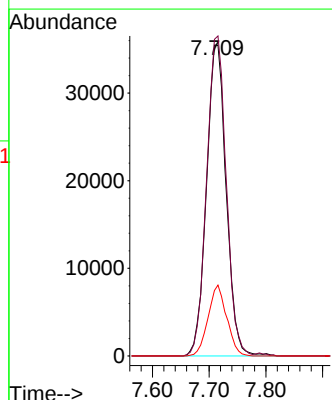
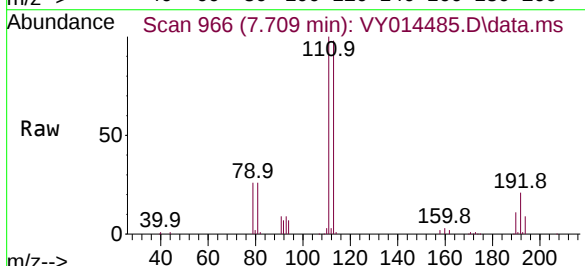
Tgt Ion:113 Resp: 85904

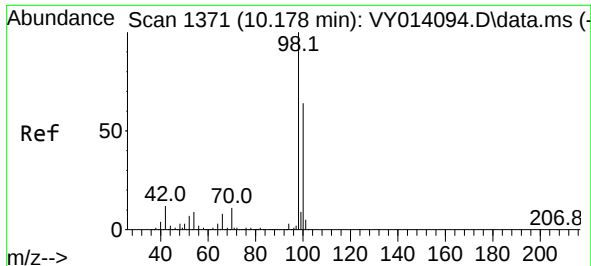
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 21.5 16.9 25.3

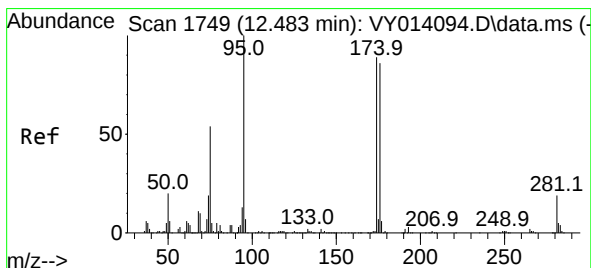
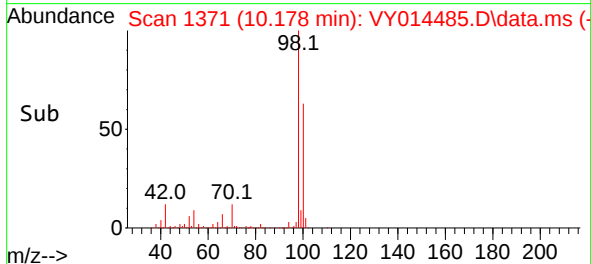
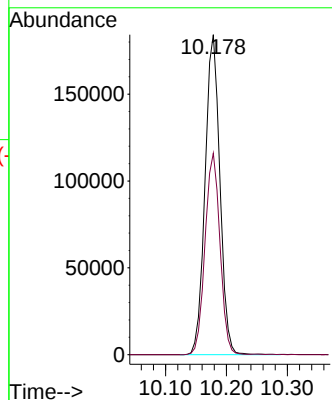
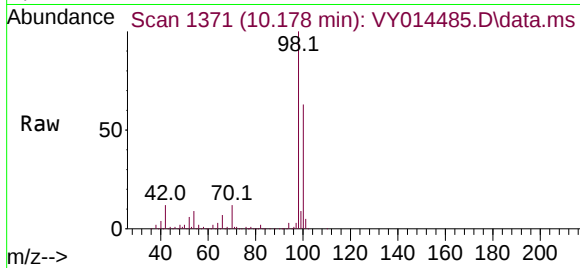




#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

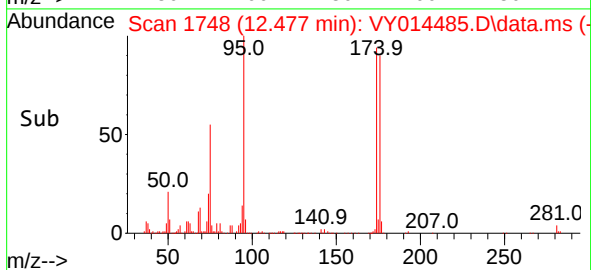
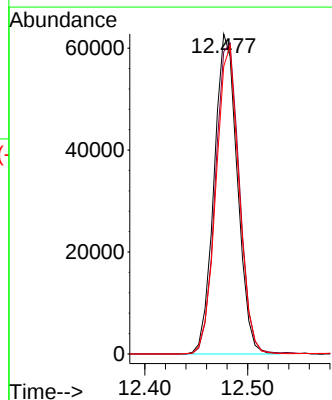
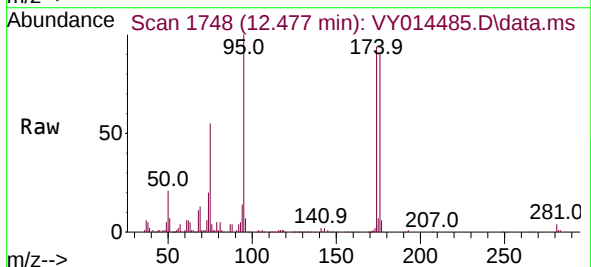
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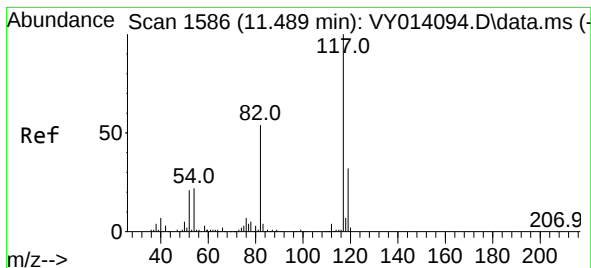
Tgt Ion: 98 Resp: 311527
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 95 Resp: 98541
Ion Ratio Lower Upper
95 100
174 99.7 0.0 178.2
176 95.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014485.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

ESII-TP1RE

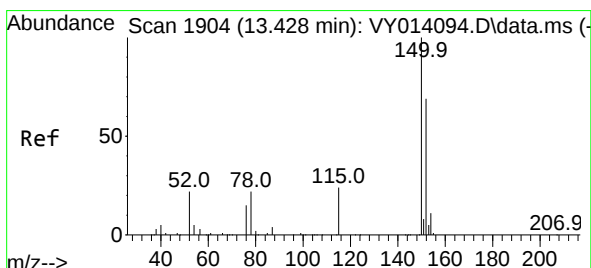
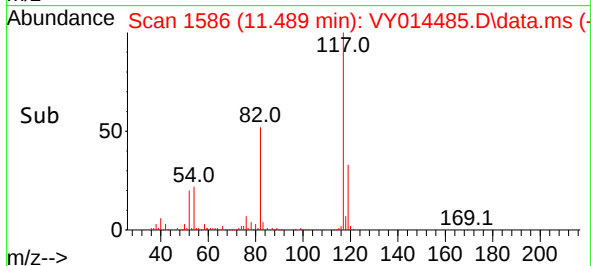
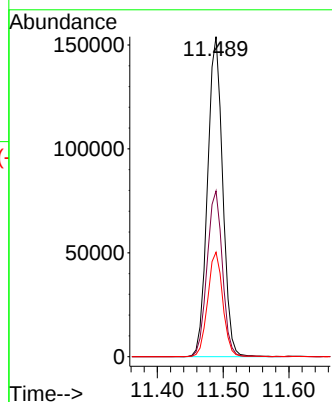
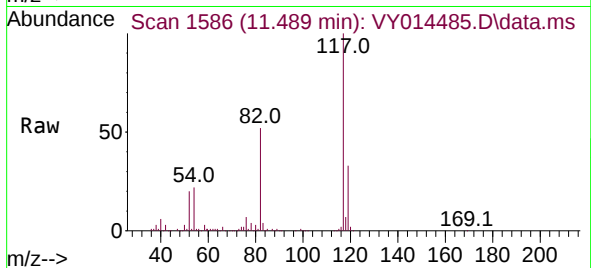
Tgt Ion:117 Resp: 246446

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014485.D

Acq: 28 Jun 2023 16:56

Tgt Ion:152 Resp: 118732

Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 155.2 0.0 348.8

